

Converting Colors

Hex(1C4838)

Have a look what the booklet for
Hex(1C4838) contains.

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Color

Hex(1C4838)

Conversions

Conversions Part 1

Format	Color
Hex	1C4838
RGB	28, 72, 56
RGB Percent	11%, 28%, 22%
CMY	0.8902, 0.7176, 0.7804
CMYK	0.61, 0.00, 0.22, 0.72
HSL	158°, 44%, 20%
HSV	158°, 61%, 28%
XYZ	3.5101, 5.1671, 4.5537
YIQ	57.0200, -21.0880, -14.3040

Conversions

Conversions Part 2

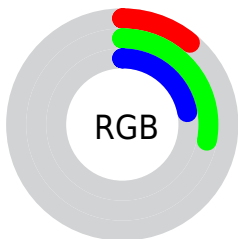
Format	Color
R_{YB}	28, 55, 72
Decimal	1853496
CIE Lab	27.21, -19.73, 5.07
CIE LCh	27, 20.367, 165.585
Yxy	5.1671, 0.2653, 0.3905
Android (android.graphics.Color)	4280043576 (0xFF1C4838)
YUV	57.0200, -0.5029, -25.4505
Hunter-Lab	22.7313, -12.2167, 4.0344

Details

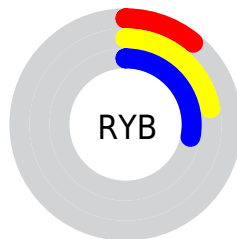
The Hex color **1C4838** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **481C2C**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **4C7967**, and **001D0D** is the 20% darker color. If you saturate the color by 10%, you get **154835**, and if you desaturate by 10%, it is **23483B**.

Distribution



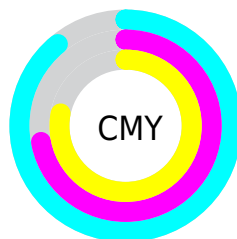
- Red (11%)
- Green (28%)
- Blue (22%)



- Red (11%)
- Yellow (22%)
- Blue (28%)



- Cyan (61%)
- Magenta (0%)
- Yellow (22%)
- Black (72%)



- Cyan (89%)
- Magenta (72%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C4838 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 1C4838 by changing the saturation by 10% instead.



1C4838



1C4838

FFFFFF



023123



4C7967



001D0D



659380



000000



7FAD9A



99C9B5



B5E5D0



D1FFEC



EDFFFF



1C4838



1C4838

■ 154835

■ 23483B

■ 0E4833

■ 2A483D

■ 064830

■ 324840

■ 00482E

■ 394842

■ 404845

■ 474848

■ 4E484A

■ 56484D

■ 5D4850

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31462A



1C4838



004948

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1C4838



373F5E



5B372B

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



1C4838



481C2C

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



5F3439



1C4838



4C3956

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



1C4838



1A445E



5A3548



513D22

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



1C4838



004852



5A3548



5D362F

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



1C4838



4D5E58



2C481C



26302D



B0B0B0



303030

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



1C4838



195E45



1C4248



202422



00633F



00E390

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



481C2C



5E1933



48221C



242021



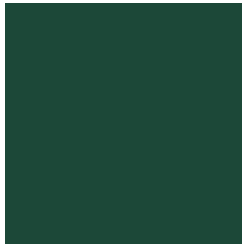
630024



E30053

Previews

White Background



This preview shows how the Hex color 1C4838 looks on a white background.

Color Contrast Check

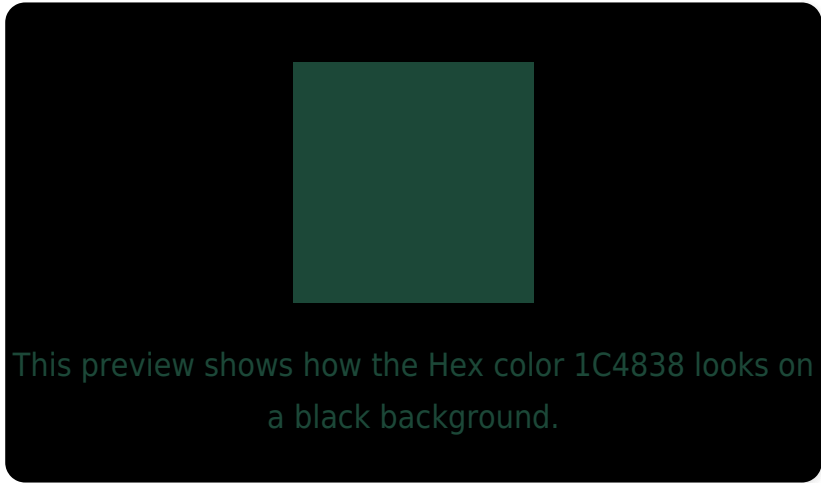
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

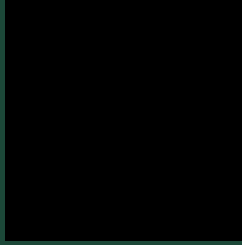
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1C4838 Background



This preview shows how black text looks on a background with the Hex color 1C4838.



This preview shows how white text looks on a background with the Hex color 1C4838.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
1C4838

Protanopia
444034

Deuteranopia
483E3A



Tritanopia
23454B

Trichromacy



Original Color
1C4838

Protanomaly
354335

Deuteranomaly
384239

Tritanomaly
204644

Monochromacy



Original Color
1C4838

Achromatopsia
393939

Achromatomaly
2E3E39

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C4838 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #1C4838 looks like.

```
.text, #text, p{  
    color:#1C4838  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #1C4838 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C4838
}
```

Border

The CSS property to change the border of an element to Hex 1C4838 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1C4838 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#1C4838 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #1C4838 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C4838; -webkit-box-shadow:4px 4px  
4px 4px #1C4838; box-shadow:4px 4px 4px  
4px #1C4838 }
```

Background

The CSS property to change the background color of an element to Hex 1C4838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C4838 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#1C4838 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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